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| PATENT APPLICATION FEE DETERMINATION RECOR   |   |   |  |             |                                    |                  |               |                       | Application or Docket Number 8404.025 |                |                    |                        |  |  |
|--|---|---|--|-------------|------------------------------------|------------------|---------------|-----------------------|---------------------------------------|----------------|--------------------|------------------------|--|--|
| CLAIMS AS FILED - PART I (Column 1) (Column 2)   |   |   |  |             |                                    |                  |               | SMALL ENTITY OR SMALL |                                       |                |                    |                        |  |  |
| FOR NUMBER FILED   |   |   |  |             | NUMBER                             | RA               | TE            | FEE                   |                                       | RATE           | FEE                |                        |  |  |
| BASIC FEE<br>(37 CFR 1.16(a))  |   |   |  |             |                                    | 1                |               | s <u>0</u>            | OR                                    |                | § 770              |                        |  |  |
|  | AL CLAIMS<br>CFR 1.16(c))                                       | 23  | min                                    | us 20 =     | * 3                                |                  | 1 x s s       | _                     | 0                                     | OR             | x § 18 =           | 54                     |  |  |
| IND  | EPENDENT CLA  | AIMS 2                                    | 2 minus 3 =                            |             | * 0                                |                  | <b>⊣</b> ⊢    | x 43 = 0              |                                       | OR             | x 86 =             | 0                      |  |  |
|  |   | DENT CLAIM PI                             | RESENT (3                              | 7 CFR 1.16( | (d)) 0                             |                  | ┨┠──          | + 140 = 0             |                                       | OR             | <br>+ 280 =        | 0                      |  |  |
| ★ If the difference in column 1 is less then zero, enter "0" in column 2   |   |   |  |             |                                    |                  |               | ΓAL                   | 0                                     | OR             | TOTAL              | 824                    |  |  |
| CLAIMS AS AMENDED - PART II  |   |   |  |             |                                    |                  |               |                       | SMALL ENTITY OR CMALL ENTITY          |                |                    |                        |  |  |
| (Column 1) (Column 2) (Column 3) SMALL ENTITY O.   |   |   |  |             |                                    |                  |               |                       | )                                     | SMALL E        | NTITY              |                        |  |  |
| AMENDMENT A  |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |  | NU<br>PREV  | GHEST<br>IMBER<br>IOUSLY<br>ID FOR | PRESENT<br>EXTRA | RA            | ГЕ                    | ADDI-<br>TIONAL<br>FEE                | OR<br>OR<br>OR | RATE               | ADDI-<br>TIONAL<br>FEE |  |  |
|  | Total<br>(37 CFR 1.16(c))                                       | *   | Minus                                  | ** 2        | 0                                  | = 0              | x \$_9_=      | _=                    | 0                                     |                | x \$ <u>18</u> =   | 0                      |  |  |
|  | Independent<br>(37 CFR 1.16(b))                                 | *   | Minus                                  | *** 3       |                                    | = 0              | x 43          | _=                    | 0                                     |                | x <u>86</u> =      | 0                      |  |  |
|  | FIRST PRES  | ENTATION OF N                             | MULTIPLE DE                            | PENDEN      | NDENT CLAIM (37 CFR 1.16(d))       |                  |               | _ =                   | 0                                     | OR             | + 280 =            | 0                      |  |  |
| (Column 1) (Column 2) (Column 3)   |   |   |  |             |                                    |                  | TO:           |                       | 0                                     | OR<br>A        | TOTAL<br>DDIT. FEE | 0                      |  |  |
| AMENDMENT B  |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |  | NU<br>PREV  | GHEST<br>JMBER<br>JOUSLY<br>ID FOR | PRESENT<br>EXTRA | RA            | ГЕ                    | ADDI-<br>TIONAL<br>FEE                | OR<br>OR<br>OR | RATE               | ADDI-<br>TIONAL<br>FEE |  |  |
| NDN  | Total<br>(37 CFR 1.16(c))                                       | *   | Minus                                  | **          |                                    | =                | x \$ <u>9</u> | _=                    | 0                                     |                | x \$ <u>18</u> =   | 0                      |  |  |
| ME   | Independent<br>(37 CFR 1.16(b))                                 | *   | Minus                                  | ***         |                                    | =                | x 43          | _=                    | 0                                     |                | x <u>86</u> =      | 0                      |  |  |
| 4  | FIRST PRES  | MULTIPLE DE                               | TIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |             |                                    |                  | _=            | 0                     | OR                                    | + _280_ =      | 0                  |                        |  |  |
| (Column 1) (Column 2) (Column 3)   |   |   |  |             |                                    |                  |               | TAL<br>FEE            | 0                                     | OR<br>A        | TOTAL<br>DDIT. FEE | 0                      |  |  |
| AMENDMENT C  |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | ,                                      | NU<br>PREV  | GHEST<br>IMBER<br>IOUSLY<br>ID FOR | PRESENT<br>EXTRA | RA            | ГЕ                    | ADDI-<br>TIONAL<br>FEE                |                | RATE               | ADDI-<br>TIONAL<br>FEE |  |  |
| NDN  | Total<br>(37 CFR 1.16(e))                                       | *   | Minus                                  | **          |                                    | =                | x \$_9        | _=                    | 0                                     |                | x \$ <u>18</u> =   | 0                      |  |  |
| ME   | Independent<br>(37 CFR 1.16(b))                                 | *   | Minus                                  | ***         |                                    | =                | x 43          | _=                    | 0                                     | OR<br>OR       | x <u>86</u> =      | 0                      |  |  |
| Y  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |   |  |             |                                    |                  |               | _=                    | 0                                     | OR             | + 280 =            | 0                      |  |  |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".  *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. |   |   |  |             |                                    |                  |               |                       |                                       |                |                    |                        |  |  |

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

8404-025

|                             |  | CLAIMS AS   |   | 9   | SMALL E   | NTITY   |                 | OTHER  | THAN                   |                |  |                        |
|-----------------------------|--|---|---|---|---|---|-----------------|--|------------------------|----------------|--|------------------------|
| _                           |  |   | (Column 1)                                |   | (Column 2)  |   |                 | TYPE   |                        | OR             | OR SMALL E   |                        |
| TOTAL CLAIMS                |  |   | 23  |   |   |   |                 | RATE   | FEE                    | 7              | RATE   | FEE                    |
| FOR                         |  |   | NUMBER FILED .                            |   | NUMBER EXTRA  |   |                 | BASIC FEE  | 385.00                 | OR             | BASIC FEE  | 770.00                 |
| TOTAL CHARGEABLE CLAIMS     |  |   | <i>23</i> mir                             | nus 20=   | * 3   |   |                 | X\$ 9=   |                        | OR             | X\$18=   | 54                     |
| IN                          | DEPENDENT CI   | LAIMS   | 2 mi                                      | inus 3 =  | * 0   |   |                 | X43=   |                        | OR             | X86=   |                        |
| ML                          | ILTIPLE DEPEN  | NDENT CLAIM P   | RESENT                                    |   | -   |   |                 | +145=  |                        | OR             | +290=  |                        |
| * If                        | the difference   | in column 1 is  | ess than zero, enter "0" in               |   |   | column 2  | L               | TOTAL  |                        | OR             | TOTAL  | 824                    |
|                             | С  | LAIMS AS A  | MENDED                                    | MENDED - PART II  |   |   |                 |  |                        | j              | OTHER  |                        |
|                             |  | (Column 1)  |   | (Colum  | nn 2)   | (Column 3)  |                 | SMALL  | ENTITY                 | OR             | SMALL  |                        |
| AMENDMENT A                 |  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT   |   | HIGHE<br>NUME<br>PREVIO<br>PAID F   | BER<br>OUSLY  | PRESENT<br>EXTRA  |                 | RATE   | ADDI-<br>TIONAL<br>FEE |                | RATE   | ADDI-<br>TIONAL<br>FEE |
| NON                         | Total  | *   | Minus                                     | **  |   | =   |                 | X\$ 9=   |                        | OR             | X\$18=   |                        |
| AME                         | Independent  | * ENTATION OF MU  | Minus                                     | ***   | CL AINA   | =   |                 | X43=   |                        | OR             | X86=   |                        |
|                             | FIRST PRESE  | INTATION OF MIC   | JETIPLE DEF                               | ZENDENT   | CLAIM   |   |                 | +145=  |                        | OR             | +290=  |                        |
|                             |  |   |   |   |   |   | L               | TOTAL  |                        | ا ا            | TOTAL  |                        |
|                             |  |   |   |   |   |   | Δ               | DDIT. FEE  |                        | OR             | ADDIT. FEE   |                        |
|                             |  | (0.1  |   |   |   |   |                 |  |                        |                |  |                        |
|                             |  | (Column 1)  |   | (Colum  |   | (Column 3)  | ^<br>1 <b>-</b> |  |                        |                |  |                        |
| ENT B                       |  |   |   | (Colum<br>HIGHE<br>NUMB<br>PREVIO<br>PAID F   | EST<br>BER<br>OUSLY   | (Column 3) PRESENT EXTRA  |                 | RATE   | ADDI-<br>TIONAL<br>FEE |                | RATE   | ADDI-<br>TIONAL<br>FFF |
|                             | Total  | CLAIMS<br>REMAINING<br>AFTER  | Minus                                     | HIGHE<br>NUMB<br>PREVIO   | EST<br>BER<br>OUSLY   | PRESENT   |                 |  |                        | OR             |  | 1                      |
|                             | Independent  | CLAIMS REMAINING AFTER AMENDMENT *  | Minus                                     | HIGHE<br>NUME<br>PREVIO<br>PAID F   | EST<br>BER<br>DUSLY<br>FOR  | PRESENT<br>EXTRA  |                 | RATE   | TIONAL                 | or             | RATE   | TIONAL                 |
| AMENDMENT B                 | Independent  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT   | Minus                                     | HIGHE<br>NUME<br>PREVIO<br>PAID F   | EST<br>BER<br>DUSLY<br>FOR  | PRESENT<br>EXTRA  |                 | RATE X\$ 9= X43=   | TIONAL                 | OR<br>OR       | X\$18=<br>X86=   | TIONAL                 |
|                             | Independent  | CLAIMS REMAINING AFTER AMENDMENT *  | Minus                                     | HIGHE<br>NUME<br>PREVIO<br>PAID F   | EST<br>BER<br>DUSLY<br>FOR  | PRESENT<br>EXTRA  |                 | RATE  X\$ 9=  X43=  +145=  TOTAL   | TIONAL                 | OR<br>OR<br>OR | RATE<br>X\$18=   | TIONAL                 |
|                             | Independent  | CLAIMS REMAINING AFTER AMENDMENT  *  * NTATION OF MU  | Minus                                     | HIGHE<br>NUMB<br>PREVIO<br>PAID F   | EST<br>BER<br>DUSLY<br>FOR  | PRESENT<br>EXTRA  |                 | RATE  X\$ 9=  X43=  +145=  | TIONAL                 | OR<br>OR       | RATE  X\$18=  X86=  +290=  | TIONAL                 |
| AMENDMENT                   | Independent  | CLAIMS REMAINING AFTER AMENDMENT  *  *  NTATION OF MU  (Column 1) CLAIMS                                      | Minus                                     | HIGHE<br>NUMB<br>PREVIO<br>PAID F<br>**<br>***<br>PENDENT   | EST<br>BER<br>DUSLY<br>FOR<br>CLAIM   | PRESENT<br>EXTRA  |                 | RATE  X\$ 9=  X43=  +145=  TOTAL   | TIONAL                 | OR<br>OR       | RATE  X\$18=  X86=  +290=  TOTAL   | TIONAL<br>FEE          |
| AMENDMENT                   | Independent<br>FIRST PRESE   | CLAIMS REMAINING AFTER AMENDMENT  *  *  NTATION OF MU   | Minus                                     | HIGHE<br>NUMB<br>PREVIO<br>PAID F<br>***  ***  COlum<br>HIGHE<br>NUMB<br>PREVIO                     | CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM                       | PRESENT<br>EXTRA  |                 | X\$ 9=<br>X43=<br>+145=<br>TOTAL<br>DDIT. FEE                                    | ADDI-<br>TIONAL        | OR<br>OR       | RATE  X\$18=  X86=  +290=  TOTAL   | ADDI-<br>TIONAL        |
| AMENDMENT                   | Independent<br>FIRST PRESE   | CLAIMS REMAINING AFTER AMENDMENT   *  *  NTATION OF MU  (Column 1)  CLAIMS REMAINING AFTER AMENDMENT          | Minus                                     | HIGHE<br>NUMB<br>PREVIO<br>PAID F<br>***  ***  COlum<br>HIGHE<br>NUMB                               | CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM                       | PRESENT EXTRA  =  (Column 3)  |                 | X\$ 9=<br>X43=<br>+145=<br>TOTAL<br>DDIT. FEE                                    | TIONAL FEE             | OR<br>OR<br>OR | RATE  X\$18=  X86=  +290=  TOTAL ADDIT FEE   | TIONAL<br>FEE          |
| AMENDMENT                   | Independent FIRST PRESE  | CLAIMS REMAINING AFTER AMENDMENT   *  *  *  *  *  *  *  *  *  *  *  *   | Minus<br>ULTIPLE DEP                      | HIGHE<br>NUMB<br>PREVIO<br>PAID F<br>***  ***  COlum<br>HIGHE<br>NUMB<br>PREVIOU<br>PAID F          | CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM                       | PRESENT EXTRA  =  (Column 3)  PRESENT EXTRA   |                 | RATE  X\$ 9=  X43= +145=  TOTAL DDIT. FEE  RATE  X\$ 9=                          | ADDI-<br>TIONAL        | OR<br>OR<br>OR | RATE  X\$18=  X86=  +290=  TOTAL ADDIT FEE  RATE  X\$18=                           | ADDI-<br>TIONAL        |
|                             | Independent FIRST PRESE  Total Independent   | CLAIMS REMAINING AFTER AMENDMENT   *  *  *  *  *  *  *  *  *  *  *  *   | Minus  Minus  Minus  Minus                | HIGHE NUMB PREVIO PAID F  ***  (Column HIGHE NUMB PREVIO PAID F                                     | CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM                              | PRESENT EXTRA  =  (Column 3)  PRESENT EXTRA  =  |                 | RATE  X\$ 9=  X43=  +145=  TOTAL DDIT. FEE                                       | ADDI-<br>TIONAL        | OR<br>OR<br>OR | RATE  X\$18=  X86=  +290=  TOTAL ADDIT FEEL  RATE                                  | ADDI-<br>TIONAL        |
| AMENDMENT C AMENDMENT       | Independent FIRST PRESE  Total Independent FIRST PRESE   | CLAIMS REMAINING AFTER AMENDMENT   *  *  NTATION OF MU  CLAIMS REMAINING AFTER AMENDMENT  *  *  NTATION OF MU | Minus  Minus  Minus  Minus  Minus         | HIGHE NUMB PREVIO PAID F  **  (Column HIGHE NUMB PREVIOI PAID F  **  **  **  **  **  **  **  **  ** | CLAIM  CLAIM  CLAIM  CLAIM  | PRESENT EXTRA  =  (Column 3)  PRESENT EXTRA  =  =   | AI              | RATE  X\$ 9=  X43=  +145=  TOTAL DDIT. FEE   RATE  X\$ 9=  X43=  +145=           | ADDI-<br>TIONAL<br>FEE | OR<br>OR<br>OR | RATE  X\$18=  X86=  +290=  TOTAL ADDIT. FEE  X\$18=  X\$6=  +290=                  | ADDI-<br>TIONAL        |
| * * * AMENDMENT C AMENDMENT | Independent FIRST PRESE  Total Independent FIRST PRESE the entry in column the "Highest Num | CLAIMS REMAINING AFTER AMENDMENT  *  *  NTATION OF MU  CLAIMS REMAINING AFTER AMENDMENT  *  *                 | Minus Minus Minus Minus Minus DLTIPLE DEP | HIGHE NUMB PREVIO PAID F  **  **  **  **  **  **  **  **  **  | CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CO' in coli less that less that less that | PRESENT EXTRA  =  (Column 3)  PRESENT EXTRA  =  =  umn 3. 1 20, enter "20." 1 3, enter "3." | AI              | RATE  X\$ 9=  X43=  +145=  TOTAL DDIT. FEE  X\$ 9=  X43=  +145=  TOTAL DDIT. FEE | ADDI-<br>TIONAL<br>FEE | OR OR OR OR OR | RATE  X\$18=  X86=  +290=  TOTAL ADDIT. FEE  X\$18=  X86=  +290=  TOTAL ADDIT. FEE | ADDI-<br>TIONAL        |